

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1926	sandberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 19:38
L2	16	sandberg-b.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 19:38
L3	7997	nilsson.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 19:39
L4	101	nilsson-r.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 19:39
L5	2	rudback.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 19:39
L6	398751	(ligand avidin streptavidin biotin (protein adj A) (binding near protein) (binding near peptide) namobiotin norbiotin oxybiotin iminobiotin desthiobiotin diaminobiotin dibiotin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 19:59
L7	160363	((polysaccharide near gel) agarose (avidin adj1 agarose) (separation near (matrice matrix)) extracorporeal housing container ((polymeric same porous) same (bead sphere fiber membrane))) and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:00
L8	22191	((polysaccharide near gel) agarose (avidin adj1 agarose) (separation near (matrice matrix)) extracorporeal housing container ((polymeric same porous) same (bead sphere fiber membrane))) same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:01
L9	640395	phenoxyethanol ((phenol benzyl) adj alcohol) (antimicrobial near preservative\$1) anitox "E217" interfaceFLOR preservatives (calcium adj propionate) (sodium adj nitrate) (sodium adj nitrite) sulfites (sulfur adj dioxide) (sodium adj bisulfite) (potassium adj hydrogen adj sulfite) (disodium adj EDTA) Antioxidants BHA BHT	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:13
L10	8560	L8 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:14

L11	46782	((alkyl methyl ethyl propyl butyl) same paraben) parabens (Alkyl adj Hydroxy adj Benzoate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:18
L12	2130	L10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:18
L13	46744	((alkyl methyl ethyl propyl butyl) same paraben) parabens (Alkyl adj Hydroxy adj Benzoate) same (concentration grams liter "g/liter" amount))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:19
L14	2130	L12 and L13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:19
L15	647446	(increas\$ adj agent) polyalcohol glycerol (polyethylene adj glycol) (propylene adj glycol) (solubility near agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:23
L16	2088	L14 and L15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:23
L17	2	L16 and (immobilization near matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:24
L18	2	L16 and (polysaccharide near gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:25
L19	1966	L16 and (agarose agar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:26
L20	1629	L19 and (avidin streptavidin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:27
L21	89	L20 and (CFU "colony forming units")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:28
L22	70	L21 and (propylene adj glycol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:29
L23	1377	L20 and (phenoxyethanol ((phenol benzyl) adj alcohol) (antimicrobial near preservative\$1) anitox "E217" interfaceFLOR (calcium adj propionate) (sodium adj nitrate) (sodium adj nitrite) sulfites (sulfur adj dioxide) (sodium adj bisulfite) (potassium adj hydrogen adj sulfite) (disodium adj EDTA) Antioxidants BHA BHT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:32

L24	1377	L20 and (phenoxyethanol ((phenol benzyl) adj alcohol) (antimicrobial adj preservative\$1) anitox "E217" interfaceFLOR (calcium adj propionate) (sodium adj nitrate) (sodium adj nitrite) sulfites (sulfur adj dioxide) (sodium adj bisulfite) (potassium adj hydrogen adj sulfite) (disodium adj EDTA) Antioxidants BHA BHT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:33
L25	57	L24 and (CFU "colony forming units")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:33
L26	1361	L24 and (separate separation filter filtration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:35
L27	57	L26 and (CFU "colony forming units")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:36
L28	1958703	(separating separate remove divide dividing division removal extract extraction) same (matrix device matrices "polyacryl-amide" celluloses polysaccharides extracorporeal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:57
L29	13078	(separating separate remove divide dividing division removal extract extraction) same (matrix device matrices "polyacryl-amide" celluloses polysaccharides extracorporeal) same (ligand avidin streptavidin biotin (protein adj A) (binding near protein) (binding near peptide) namobiotin norbiotin oxybiotin iminobiotin desthiobiotin diaminobiotin dibiotin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:58
L30	154789	((polysaccharide near gel) agarose (avidin adj 1 agarose) (separation near (matrice matrix)) extracorporeal housing container ((polymeric same porous) same (bead sphere fiber membrane))) same (separating separate remove divide dividing division removal extract extraction) same (matrix device matrices "polyacryl-amide" celluloses polysaccharides extracorporeal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:59
L31	2137	L29 and L30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 20:59

L32	8972	(phenoxyethanol ((phenol benzyl) adj alcohol) (antimicrobial near preservative\$1) anitox "E217" interfaceFLOR preservatives (calcium adj propionate) (sodium adj nitrate) (sodium adj nitrite) sulfites (sulfur adj dioxide) (sodium adj bisulfite) (potassium adj hydrogen adj sulfite) (disodium adj EDTA) Antioxidants BHA BHT ) same (separating separate remove divide dividing division removal extract extraction) same (matrix device matrices "polyacryl-amide" celluloses polysaccharides extracorporeal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:00
L33	70	L31 and L32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:00
L34	46665	((alkyl methyl ethyl propyl butyl) same paraben) parabens (Alkyl adj Hydroxy adj Benzoate) same (phenoxyethanol ((phenol benzyl) adj alcohol) (antimicrobial near preservative\$1) anitox "E217" interfaceFLOR preservatives (calcium adj propionate) (sodium adj nitrate) (sodium adj nitrite) sulfites (sulfur adj dioxide) (sodium adj bisulfite) (potassium adj hydrogen adj sulfite) (disodium adj EDTA) Antioxidants BHA BHT ) same (separating separate remove divide dividing division removal extract extraction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:01
L35	3	L33 and L34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:01
L36	115	L31 and L34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:02
L37	164609	(immobilize immobilise immobilization immobilisation immobilizer immobiliser bind bound restrict block) same (ligand avidin streptavidin biotin (protein adj A) (binding near protein) (binding near peptide) namobiotin norbiotin oxybiotin iminobiotin desthiobiotin diaminobiotin dibiotin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:06
L38	115	L36 and L37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:07
L39	113	L38 and L15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:08

L40	111	L39 NOT L27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:10
L41	11	L40 and (CFU "colony forming units")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:10
L42	84	L40 and (avidin streptavidin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:11
L43	1203229	((polymeric polymer polymers macromolecule) same (material bead sphere particle microparticle microsphere nanosphere nanoparticle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:18
L44	22137	((microfiltration filtration filter) near (fiber\$1 "hollow-fiber" "hollow semi-permeable fibers"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:18
L45	53533	"flat sheet membrane" (membrane near filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:18
L46	66	L42 and (L43 L44 L45)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:18
L47	2	L46 and ((microbially microbe microbial) same (contaminate contamination growth contaminated spoilage spoil))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:33
L48	9	L42 and ((microbially microbe microbial) same (contaminate contamination growth contaminated spoilage spoil))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:33
L49	13193591	((immobilize immobilise immobilization immobilisation immobilizer immobiliser bind bound restrict block) same (avidin streptavidin biotin (protein adj A) (binding near protein) (binding near peptide) nanobiotin norbiotin oxybiotin iminobiotin desthiobiotin diaminobiotin dibiotin) same ((polysaccharide near gel) agarose (avidin adj 1 agarose) extracorporeal housing container ((polymeric same porous) same (bead sphere fiber membrane))) (matrix device matrices "polyacryl-amide" celluloses polysaccharides extracorporeal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:39

L50	46668	((((alkyl methyl ethyl propyl butyl) same paraben) parabens (Alkyl adj Hydroxy adj Benzoate) same (phenoxyethanol ((phenol benzyl) adj alcohol) (antimicrobial adj preservative\$1) anitox "E217" interfaceFLOR (calcium adj propionate) (sodium adj nitrate) (sodium adj nitrite) sulfites (sulfur adj dioxide) (sodium adj bisulfite) (potassium adj hydrogen adj sulfite) (disodium adj EDTA) Antioxidants BHA BHT ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:42
L51	38740	L49 and L50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:42
L52	35579	L51 and (polyalcohol glycerol (polyethylene adj glycol) (propylene adj glycol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:44
L53	1565	L52 and ((reduce reducing reduction eliminate elimination decrease decreased reduced killed kill killing deduce) same ((microbially microbe microbial) same (contaminate contamination growth contaminated spoilage spoil)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:47
L54	1298	L53 and (sterilized sterilize sterilization steam filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:49
L55	191	L53 and ((sterilized sterilize sterilization) same (steam filter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:50
L56	55	L55 and (avidin streptavidin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:50
L57	3	(L1 L2 L3 L4 L5) and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/10 21:57

## EAST Search History (Interference)

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